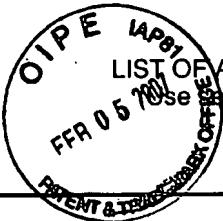


| Form PTO-1449  |              | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |       |   | ATTY. DOCKET NO.<br>PC3-301                      | SERIAL NO.<br>10/587,344 |                                       |
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| <br>LIST OF ART CITED BY APPLICANT<br>(use several sheets if necessary)   |              |  |       |   | APPLICANT: Stephan Brandstadter, Ph.D.<br>et al. |                          |                                       |
|  |              |  |       |   | FILING DATE<br>July 25, 2006                     | GROUP<br>Unknown         |                                       |
| <b>U.S. PATENT DOCUMENTS</b>   |              |  |       |   |  |                          |                                       |
| Examiner Initial   |              | Document Number  | Date  | Name  | Class  | Subclass                 | Filing Date If Appropriate            |
| <i>CSW</i>   | AA           | 1,092,141  | 11/67 | Daikin et al.   |  |                          |                                       |
|  | AB           | 2,559,749  | 07/51 | Benning   |  |                          |                                       |
|  | AC           | 2,567,011  | 09/51 | Diesslin et al.   |  |                          |                                       |
|  | AD           | 2,597,702  | 05/52 | Benning   |  |                          |                                       |
|  | AE           | 2,995,542  | 08/61 | Brown   |  |                          |                                       |
|  | AF           | 3,083,224  | 03/63 | Brace et al.  |  |                          |                                       |
|  | AG           | 3,096,207  | 07/63 | Cohen   |  |                          |                                       |
|  | AH           | 3,112,241  | 11/63 | Mackenzie   |  |                          |                                       |
|  | AI           | 3,145,222  | 08/64 | Brace   |  |                          |                                       |
|  | AJ           | 3,172,910  | 03/65 | Brace   |  |                          |                                       |
|  | AK           | 3,194,840  | 07/65 | Berry   |  |                          |                                       |
| <i>CSW</i>   | AL           | 3,238,235  | 03/66 | Hauptschein et al.  |  |                          |                                       |
| <b>FOREIGN PATENT DOCUMENTS</b>  |              |  |       |   |  |                          |                                       |
|  |              | Document Number  | Date  | Country   | Class  | Subclass                 | Translation                           |
|  |              |  |       |   |  |                          | Yes      No                           |
| <i>CSW</i>   | AM           | EP 765676  | 04/97 | Europe (abstract)   |  |                          | <input checked="" type="checkbox"/> x |
|  | AN           | DE 2120868   | 11/71 | Germany (abstract)  |  |                          | <input checked="" type="checkbox"/> x |
|  | AO           | DE 2239709   | 02/73 | Germany (abstract)  |  |                          | <input checked="" type="checkbox"/> x |
| <i>CSW</i>   | AP           | DE 2247111   | 04/74 | Germany (abstract)  |  |                          | <input checked="" type="checkbox"/> x |
| <b>OTHER REFERENCES</b> (including Author, Title, Date, Pertinent Pages, Etc.)   |              |  |       |   |  |                          |                                       |
| <i>CSW</i>   | AQ           |  |       | Sawada, Hideo: "Novel Self-Assembled Molecular Aggregates Formed by Fluoroalkyl End-Capped Oligomers and Their Application" <i>Journal of Fluorine Chemistry</i> 121 (2003), pgs. 111-130 |  |                          |                                       |
| EXAMINER   | <i>Brace</i> |  |       | DATE CONSIDERED<br><i>10/16/07</i>  |  |                          |                                       |
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|  |    |  |  |                      | FILING DATE<br>July 25, 2006                     |                                | GROUP<br>Unknown         |   |
| <b>U.S. PATENT DOCUMENTS</b>   |    |  |  |                      |  |                                |                          |   |
| Examiner Initial   |    | Document Number  | Date   | Name                 |  | Class                          | Subclass                 | Filing Date If Appropriate  |
| <i>Con</i>   | AA | 3,256,231  | 06/66  | Johnson, Jr. et al.  |  |                                |                          |   |
|  | AB | 3,282,905  | 11/66  | Fasick et al.        |  |                                |                          |   |
|  | AC | 3,304,278  | 02/67  | Hauptschein et al.   |  |                                |                          |   |
|  | AD | 3,351,643  | 11/67  | Hauptschein et al.   |  |                                |                          |   |
|  | AE | 3,351,644  | 11/67  | Hauptschein et al.   |  |                                |                          |   |
|  | AF | 3,450,755  | 06/69  | Ahlbrecht            |  |                                |                          |   |
|  | AG | 3,457,247  | 07/69  | Katsushima et al.    |  |                                |                          |   |
|  | AH | 3,458,571  | 07/69  | Tokoli               |  |                                |                          |   |
|  | AI | 3,475,333  | 10/69  | Meldrum et al.       |  |                                |                          |   |
|  | AJ | 3,491,169  | 01/70  | Raynolds et al.      |  |                                |                          |   |
|  | AK | 3,497,575  | 02/70  | Kleiner et al.       |  |                                |                          |   |
| <i>Con</i>   | AL | 3,498,958  | 03/70  | Ray-Chaudhuri et al. |  |                                |                          |   |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |  |  |                      |  |                                |                          |   |
|  |    | Document Number  | Date   | Country              |  | Class                          | Subclass                 | Translation   |
|  | AM | DE 2247182   | 04/74  | Germany (abstract)   |  |                                |                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|  | AN | GB 2 070 595   | 02/80  | United Kingdom       |  |                                |                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|  | AO | GB 2 018 759   | 04/78  | United Kingdom       |  |                                |                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>Con</i>   | AP | JP 04272986  | 09/92  | Japan (abstract)     |  |                                |                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>OTHER REFERENCES</b> (including Author, Title, Date, Pertinent Pages, Etc.)   |    |  |  |                      |  |                                |                          |   |
| <i>Con</i>   | AQ |  | Sawada, et al.; "Synthesis and Surfactant Properties of Fluoroalkylated Sulfonic Acid Oligomers as a New Class of Human Immunodeficiency Virus Inhibitors", <i>Journal of Fluorine Chemistry</i> 79 (1996), pgs. 149-155 |                      |  |                                |                          |   |
| EXAMINER   |    |  | DATE CONSIDERED  |                      |  | <i>Johnson et al.</i> 10/16/07 |                          |   |
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| LIST OF ART CITED BY APPLICANT<br>(Use several sheets if necessary)  |                    |  |  | APPLICANT: Stephan Brandstadter, Ph.D.<br>et al. |                          |                  |                                     |
|  |                    |  |  | FILING DATE<br>July 25, 2006                     |                          | GROUP<br>Unknown |                                     |
| <b>U.S. PATENT DOCUMENTS</b>   |                    |  |  |  |                          |                  |                                     |
| Examiner Initial   |                    | Document Number  | Date   | Name   | Class                    | Subclass         | Filing Date If Appropriate          |
| <i>Con</i>   | AA                 | 3,514,420  | 05/70  | Katsushima et al.                                |                          |                  |                                     |
|  | AB                 | 3,532,659  | 10/70  | Hager et al.                                     |                          |                  |                                     |
|  | AC                 | 3,536,749  | 10/70  | Groves   |                          |                  |                                     |
|  | AD                 | 3,544,663  | 12/70  | Hauptschein et al.                               |                          |                  |                                     |
|  | AE                 | 3,574,518  | 04/71  | Detomaso   |                          |                  |                                     |
|  | AF                 | 3,575,940  | 04/71  | Katsushima et al.                                |                          |                  |                                     |
|  | AG                 | 3,623,963  | 11/71  | Voss et al.                                      |                          |                  |                                     |
|  | AH                 | 3,636,085  | 01/72  | Kleiner  |                          |                  |                                     |
|  | AI                 | 3,721,706  | 03/73  | Hoffman et al.                                   |                          |                  |                                     |
|  | AJ                 | 3,752,783  | 08/73  | Iwantani   |                          |                  |                                     |
|  | AK                 | 3,759,981  | 09/73  | Hager et al.                                     |                          |                  |                                     |
| <i>Con</i>   | AL                 | 3,816,277  | 06/74  | Haszeldine et al.                                |                          |                  |                                     |
| <b>FOREIGN PATENT DOCUMENTS</b>  |                    |  |  |  |                          |                  |                                     |
|  |                    | Document Number  | Date   | Country  | Class                    | Subclass         | Translation                         |
|  |                    |  |  |  |                          |                  | Yes                                 |
| <i>Con</i>   | AM                 | JP 04272987  | 09/92  | Japan (abstract)                                 |                          |                  | <input checked="" type="checkbox"/> |
|  | AN                 | JP 43020466  | 09/68  | Japan (abstract)                                 |                          |                  | <input checked="" type="checkbox"/> |
|  | AO                 | JP 44001216  | 01/69  | Japan (abstract)                                 |                          |                  | <input checked="" type="checkbox"/> |
| <i>Con</i>   | AP                 | JP 48023684  | 03/73  | Japan (abstract)                                 |                          |                  | <input checked="" type="checkbox"/> |
| <b>OTHER REFERENCES</b> (including Author, Title, Date, Pertinent Pages, Etc.)   |                    |  |  |  |                          |                  |                                     |
| <i>Con</i>   | AQ                 |  | Krafft, et al.; "Highly fluorinated amphiphiles and colloidal systems...."; Biochimie 1998; 1 page; (Database 1998:620482 CAPLUS)                      |  |                          |                  |                                     |
| <i>Con</i>   | AR                 |  | Nivet et al; "Synthesis and bioacceptability of fluorinated...."; European Journal of Medicinal Chemistry, 1992; 1 page; (Database 1993:408334 CAPLUS) |  |                          |                  |                                     |
| EXAMINER   | <i>W. W. C. C.</i> |  | DATE CONSIDERED <i>10/16/07</i>  |  |                          |                  |                                     |
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| Examiner Initial   |    | Document Number   | Date  | Name              | Class  | Subclass                 | Filing Date If Appropriate            |
| <i>Con</i>   | AA | 3,824,126   | 07/74 | Katsushima et al. |  |                          |                                       |
|  | AB | 3,839,425   | 10/74 | Bartlett          |  |                          |                                       |
|  | AC | 3,843,735   | 04/74 | Knell, et al.     |  |                          |                                       |
|  | AD | 3,883,596   | 05/75 | Hager et al.      |  |                          |                                       |
|  | AE | 3,899,484   | 08/75 | Walter            |  |                          |                                       |
|  | AF | 3,906,049   | 09/75 | Hager et al.      |  |                          |                                       |
|  | AG | 3,907,576   | 09/75 | Dear et al.       |  |                          |                                       |
|  | AH | 3,919,361   | 11/75 | Katsushima et al. |  |                          |                                       |
|  | AI | 3,933,819   | 01/76 | Toukan et al.     |  |                          |                                       |
|  | AJ | 3,957,657   | 05/76 | Chiesa, Jr.       |  |                          |                                       |
|  | AK | 4,000,188   | 12/76 | Dear et al.       |  |                          |                                       |
| <i>Con</i>   | AL | 4,043,923   | 08/77 | Loudas            |  |                          |                                       |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |   |       |                   |  |                          |                                       |
|  |    | Document Number   | Date  | Country           | Class  | Subclass                 | Translation                           |
|  |    |   |       |                   |  |                          | Yes      No                           |
| <i>Con</i>   | AM | JP 49040040   | 10/74 | Japan (abstract)  |  |                          | <input checked="" type="checkbox"/> x |
|  | AN | JP 53081799   | 07/78 | Japan (abstract)  |  |                          | <input checked="" type="checkbox"/> x |
|  | AO | JP 55071779   | 05/80 | Japan (abstract)  |  |                          | <input checked="" type="checkbox"/> x |
| <i>Con</i>   | AP | JP 56122336   | 09/81 | Japan (abstract)  |  |                          | <input checked="" type="checkbox"/> x |
| <b>OTHER REFERENCES</b> (including Author, Title, Date, Pertinent Pages, Etc.)   |    |   |       |                   |  |                          |                                       |
| <i>Con</i>   | AQ | Sawada et al.; "Synthesis and properties of...."; European Polymer Journal, 1999, 1 page; (Database 1999:411635 CAPLUS)                 |       |                   |  |                          |                                       |
| <i>Con</i>   | AR | Nivet et al.; "Evaluation of a series of...."; Journal of Dispersion Science and Technology, 1992, 1 page; (Database 1993:66807 CAPLUS) |       |                   |  |                          |                                       |
| EXAMINER <i>Con</i>  |    | DATE CONSIDERED <i>10/16/07</i>   |       |                   |  |                          |                                       |
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|  |                             |  |       |  | FILING DATE<br>July 25, 2006                     |                          | GROUP<br>Unknown                      |
| <b>U.S. PATENT DOCUMENTS</b>   |                             |  |       |  |  |                          |                                       |
| Examiner Initial   |                             | Document Number  | Date  | Name   | Class  | Subclass                 | Filing Date If Appropriate            |
| <i>Car</i>   | AA                          | 4,060,132  | 11/77 | Chiesa Jr.   |  |                          |                                       |
|  | AB                          | 4,060,489  | 11/77 | Chiesa Jr.   |  |                          |                                       |
|  | AC                          | 4,081,399  | 03/78 | Dear et al.  |  |                          |                                       |
|  | AD                          | 4,089,804  | 05/78 | Falk   |  |                          |                                       |
|  | AE                          | 4,113,748  | 09/78 | Hager et al.   |  |                          |                                       |
|  | AF                          | 4,126,633  | 11/78 | Toukan et al.  |  |                          |                                       |
|  | AG                          | 4,127,711  | 11/78 | Lore et al.  |  |                          |                                       |
|  | AH                          | 4,134,754  | 01/79 | Hoffman  |  |                          |                                       |
|  | AI                          | 4,145,382  | 03/79 | Hayashi et al.   |  |                          |                                       |
|  | AJ                          | 4,147,851  | 04/79 | Raynolds   |  |                          |                                       |
|  | AK                          | 4,170,636  | 10/79 | Engel et al.   |  |                          |                                       |
| <i>Car</i>   | AL                          | 4,177,351  | 12/79 | Toukan et al.  |  |                          |                                       |
| <b>FOREIGN PATENT DOCUMENTS</b>  |                             |  |       |  |  |                          |                                       |
|  |                             | Document Number  | Date  | Country  | Class  | Subclass                 | Translation                           |
|  |                             |  |       |  |  |                          | Yes      No                           |
| <i>Car</i>   | AM                          | JP 56169666  | 12/81 | Japan (abstract)   |  |                          | <input checked="" type="checkbox"/> x |
|  | AN                          | JP 58042682  | 03/83 | Japan (abstract)   |  |                          | <input checked="" type="checkbox"/> x |
|  | AO                          | JP 58201752  | 11/83 | Japan (abstract)   |  |                          | <input checked="" type="checkbox"/> x |
| <i>Car</i>   | AP                          | JP 59059977  | 04/84 | Japan (abstract)   |  |                          | <input checked="" type="checkbox"/> x |
| <b>OTHER REFERENCES</b> (including Author, Title, Date, Pertinent Pages, Etc.)   |                             |  |       |  |  |                          |                                       |
| <i>Car</i>   | AQ                          |  |       | Nivet et al.; "Synthesis of new ***perfluoroalkylated***...."; New Journal of Chemistry 1994; 1 page; (Database 1995:38527 CAPLUS) |  |                          |                                       |
| <i>Car</i>   | AR                          |  |       | Sawada et al.; "Novel fluorinated...."; Nihon Yukagakkaishi, 2000; 1 page; (Database 2000:752279 CAPLUS)                           |  |                          |                                       |
| EXAMINER   | <i>Stephan Brandstadter</i> |  |       | DATE CONSIDERED  | <i>10/16/07</i>                                  |                          |                                       |
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| U.S. PATENT DOCUMENTS  |                   |  |       |  |                          |                  |                                       |    |
| Examiner Initial   |                   | Document Number  | Date  | Name   | Class                    | Subclass         | Filing Date If Appropriate            |    |
| <i>Con</i>   | AA                | 4,188,307  | 02/80 | Bathelt  |                          |                  |                                       |    |
|  | AB                | 4,192,754  | 03/80 | Marshall et al.                                  |                          |                  |                                       |    |
|  | AC                | 4,209,456  | 06/80 | Billenstein et al.                               |                          |                  |                                       |    |
|  | AD                | 4,230,495  | 10/80 | Lee et al.                                       |                          |                  |                                       |    |
|  | AE                | 4,254,266  | 03/81 | Toukan et al.                                    |                          |                  |                                       |    |
|  | AF                | 4,283,533  | 08/81 | Richter  |                          |                  |                                       |    |
|  | AG                | 4,303,534  | 12/81 | Hisamoto et al.                                  |                          |                  |                                       |    |
|  | AH                | 4,306,979  | 12/81 | Tsujii   |                          |                  |                                       |    |
|  | AI                | 4,317,859  | 03/82 | Smith  |                          |                  |                                       |    |
|  | AJ                | 4,351,946  | 09/82 | Toukan et al.                                    |                          |                  |                                       |    |
|  | AK                | 4,366,299  | 12/82 | Dessaint   |                          |                  |                                       |    |
| <i>Con</i>   | AL                | 4,387,032  | 06/83 | Chiesa, Jr.                                      |                          |                  |                                       |    |
| FOREIGN PATENT DOCUMENTS   |                   |  |       |  |                          |                  |                                       |    |
|  |                   | Document Number  | Date  | Country  | Class                    | Subclass         | Translation                           |    |
|  |                   |  |       |  |                          |                  | Yes                                   | No |
| <i>Con</i>   | AM                | JP 61069813  | 04/86 | Japan (abstract)                                 |                          |                  | <input checked="" type="checkbox"/> x |    |
|  | AN                | JP 08012536  | 01/96 | Japan (abstract)                                 |                          |                  | <input checked="" type="checkbox"/> x |    |
|  | AO                | JP 08081883  | 03/96 | Japan (abstract)                                 |                          |                  | <input checked="" type="checkbox"/> x |    |
| <i>Con</i>   | AP                | JP 2000126327  | 05/00 | Japan (abstract)                                 |                          |                  | <input checked="" type="checkbox"/> x |    |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)  |                   |  |       |  |                          |                  |                                       |    |
| <i>Con</i>   | AQ                | Enjalbert et al.; "Synthesis of new cationic and amphoteric triple-chain...."; Research on Chemical Intermediates, 1998; 1 page; (Database 1998:422963 CAPLUS) |       |  |                          |                  |                                       |    |
| EXAMINER   | <i>K. Waisich</i> |  |       | DATE CONSIDERED                                  |                          |                  | <i>10/16/07</i>                       |    |
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| <b>U.S. PATENT DOCUMENTS</b>   |    |  |  |                          |  |                          |                                     |
| Examiner Initial   |    | Document Number  | Date   | Name                     | Class  | Subclass                 | Filing Date If Appropriate          |
| <i>Car</i>   | AA | 4,388,212  | 06/83  | Richter                  |  |                          |                                     |
|  | AB | 4,419,298  | 12/83  | Falk et al.              |  |                          |                                     |
|  | AC | 4,420,434  | 12/83  | Falk                     |  |                          |                                     |
|  | AD | 4,424,133  | 01/84  | Mulligan                 |  |                          |                                     |
|  | AE | 4,460,480  | 07/84  | Kleiner et al.           |  |                          |                                     |
|  | AF | 4,464,267  | 08/84  | Chiesa, Jr. et al.       |  |                          |                                     |
|  | AG | 4,472,286  | 09/84  | Falk                     |  |                          |                                     |
|  | AH | 4,478,975  | 10/84  | Dessaint et al.          |  |                          |                                     |
| <i>Car</i>   | AI | 4,486,391  | 12/84  | Hashimoto                |  |                          |                                     |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |  |  |                          |  |                          |                                     |
|  |    | Document Number  | Date   | Country                  | Class  | Subclass                 | Translation                         |
|  |    |  |  |                          |  |                          | Yes      No                         |
| <i>Car</i>   | AJ | JP 2000159840  | 06/00  | Japan (abstract)         |  |                          | <input checked="" type="checkbox"/> |
|  | AK | JP 2003312156  | 11/03  | Japan (abstract)         |  |                          | <input checked="" type="checkbox"/> |
|  | AL | US2005/003429  | 01/05  | PCT-IPRP/Written Opinion |  |                          | <input checked="" type="checkbox"/> |
|  | AM | US05/03429   | 01/05  | PCT-Int'l Search Rpt     |  |                          | <input checked="" type="checkbox"/> |
|  | AN | US2005/002617  | 01/05  | PCT-IPRP/Written Opinion |  |                          | <input checked="" type="checkbox"/> |
| <i>Car</i>   | AO | US05/02617   | 01/05  | PCT-Int'l Search Rpt     |  |                          | <input checked="" type="checkbox"/> |
| <b>OTHER REFERENCES</b> (including Author, Title, Date, Pertinent Pages, Etc.)   |    |  |  |                          |  |                          |                                     |
| <i>Car</i>   | AP |  | Szonyi et al.; "Synthesis of new amphoteric ... double-chain...."; Rivista Italiana delle Sostanze Grasse, 1998; 1 page; (Database 1998:465664 CAPLUS) |                          |  |                          |                                     |
| <i>Car</i>   | AQ |  | Prescher et al.; "Nitrogen-containing fluorosurfactants"; Tenside, Surfactants, Detergents, 1992; 1 page; (Database 1992:653923 CAPLUS)                |                          |  |                          |                                     |
| EXAMINER <i>Stephan Brandstadter</i>   |    |  | DATE CONSIDERED <i>14/16/07</i>  |                          |  |                          |                                     |
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| LIST OF ART CITED BY APPLICANT<br>(Use several sheets if necessary)  |    |  |   | APPLICANT: Stephan Brandstadter, Ph.D.<br>et al. |                          |                  |                                       |
|  |    |  |   | FILING DATE<br>July 25, 2006                     |                          | GROUP<br>Unknown |                                       |
| <b>U.S. PATENT DOCUMENTS</b>   |    |  |   |  |                          |                  |                                       |
| Examiner Initial   |    | Document Number  | Date  | Name   | Class                    | Subclass         | Filing Date If Appropriate            |
| <i>Lev</i>   | AA | 4,507,859  | 04/85   | Shinjo   |                          |                  |                                       |
|  | AB | 4,563,287  | 01/86   | Hisamoto et al.                                  |                          |                  |                                       |
|  | AC | 4,591,473  | 05/86   | Lofquist et al.                                  |                          |                  |                                       |
|  | AD | 4,600,774  | 07/86   | Koshar   |                          |                  |                                       |
|  | AE | 4,697,011  | 09/87   | DesMarteau                                       |                          |                  |                                       |
|  | AF | 4,717,744  | 01/88   | Boutevin et al.                                  |                          |                  |                                       |
|  | AG | 4,720,578  | 01/88   | Liu  |                          |                  |                                       |
|  | AH | 4,879,324  | 11/89   | Lausberg et al.                                  |                          |                  |                                       |
| <i>Lev</i>   | AI | 4,985,526  | 01/91   | Kishita et al.                                   |                          |                  |                                       |
|  | AJ |  |   |  |                          |                  |                                       |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |  |   |  |                          |                  |                                       |
|  |    | Document Number  | Date  | Country  | Class                    | Subclass         | Translation                           |
|  |    |  |   |  |                          |                  | Yes      No                           |
| <i>Lev</i>   | AK | US2005/003433  | 01/05   | PCT-IPRP/Written Opinion                         |                          |                  | <input checked="" type="checkbox"/> x |
|  | AL | US05/03433   | 01/05   | PCT-Int'l Search Rpt                             |                          |                  | <input checked="" type="checkbox"/> x |
|  | AM | US2005/003137  | 01/05   | PCT-IPRP/Written Opinion                         |                          |                  | <input checked="" type="checkbox"/> x |
| <i>Lev</i>   | AN | US05/03137   | 01/05   | PCT-Int'l Search Rpt                             |                          |                  | <input checked="" type="checkbox"/> x |
| <b>OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)</b>   |    |  |   |  |                          |                  |                                       |
| <i>Lev</i>   | AO |  | Enjalbert et al.; "Synthesis fo new double-chain cationic...."; Tenside, Surfactants, Detergents, 1998; 1 page; (Database 1992:550675 CAPLUS) |  |                          |                  |                                       |
|  | AP |  | Rzhevskii et al.; "Testing of ***surfactants*** ...."; Tsvetnye Metally (Moscow), 1998; 1 page; (Database 1999:114673 CAPLUS)                 |  |                          |                  |                                       |
| <i>Lev</i>   | AQ |  | Murata et al.; "Selective synthesis of fluorinated ethers...."; The Royal Society of Chemistry, 2002; pps. 60-63                              |  |                          |                  |                                       |
| EXAMINER   |    |  | DATE CONSIDERED   |  |                          |                  |                                       |
| <i>Lev</i>   |    |  | 10/16/07  |  |                          |                  |                                       |
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|---|----|--|-------|---------------------------------|--|----------|-------------------------------------|-------------------------------------|
| LIST OF ART CITED BY APPLICANT<br>(Use several sheets if necessary)   |    |  |       |                                 | APPLICANT: Stephan Brandstadter, Ph.D.<br>et al. |          |                                     |                                     |
|   |    |  |       |                                 | FILING DATE<br>July 25, 2006                     |          | GROUP<br>Unknown                    |                                     |
| <b>U.S. PATENT DOCUMENTS</b>  |    |  |       |                                 |  |          |                                     |                                     |
| Examiner Initial  |    | Document Number  | Date  | Name                            | Class  | Subclass | Filing Date If Appropriate          |                                     |
| <i>Cr</i>   | AA | 4,983,769  | 01/91 | Bertocchio et al.               |  |          |                                     |                                     |
|   | AB | 4,898,981  | 02/90 | Falk et al.                     |  |          |                                     |                                     |
|   | AC | 5,026,910  | 06/91 | Bollens et al.                  |  |          |                                     |                                     |
|   | AD | 5,045,634  | 09/91 | Fernandez et al.                |  |          |                                     |                                     |
|   | AE | 5,091,550  | 02/92 | Falk et al.                     |  |          |                                     |                                     |
|   | AF | 5,107,021  | 04/92 | Bollens et al.                  |  |          |                                     |                                     |
|   | AG | 5,132,445  | 07/92 | Falk et al.                     |  |          |                                     |                                     |
|   | AH | 5,218,021  | 06/93 | Clark et al.                    |  |          |                                     |                                     |
|   | AI | 5,240,990  | 08/93 | Kallfass et al.                 |  |          |                                     |                                     |
|   | AJ | 5,391,721  | 02/95 | Hanen et al.                    |  |          |                                     |                                     |
| <i>Cr</i>   | AK | 5,395,997  | 03/97 | Van Der Puy, et al.             |  |          |                                     |                                     |
|   | AL |  |       |                                 |  |          |                                     |                                     |
| <b>FOREIGN PATENT DOCUMENTS</b>   |    |  |       |                                 |  |          |                                     |                                     |
|   |    | Document Number  | Date  | Country                         | Class  | Subclass | Translation                         |                                     |
|   |    |  |       |                                 |  |          | Yes                                 | No                                  |
| <i>Cr</i>   | AM | US2005/003138  | 01/05 | PCT-IPRP/Written Opinion        |  |          | <input checked="" type="checkbox"/> |                                     |
|   | AN | US05/03138   | 01/05 | PCT-Int'l Search Rpt            |  |          | <input checked="" type="checkbox"/> |                                     |
|   | AO | 7-793  | 07/95 | Japan                           |  |          |                                     | <input checked="" type="checkbox"/> |
| <i>Cr</i>   | AP | 2-12681  | 02/90 | Japan                           |  |          |                                     | <input checked="" type="checkbox"/> |
| <b>OTHER REFERENCES</b> (including Author, Title, Date, Pertinent Pages, Etc.)  |    |  |       |                                 |  |          |                                     |                                     |
|   | AQ |  |       |                                 |  |          |                                     |                                     |
| EXAMINER <i>W. S. Smith</i>   |    |  |       | DATE CONSIDERED <i>10/16/07</i> |  |          |                                     |                                     |
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|  |                             |  |       |                                 | FILING DATE<br>July 25, 2006                     |                          | GROUP<br>Unknown  |
| <b>U.S. PATENT DOCUMENTS</b>   |                             |  |       |                                 |  |                          |   |
| Examiner Initial   |                             | Document Number  | Date  | Name                            | Class  | Subclass                 | Filing Date If Appropriate  |
| <i>Car</i>   | AA                          | 5,439,998  | 08/95 | Lina et al.                     |  |                          |   |
|  | AB                          | 5,478,486  | 12/95 | Incorvia                        |  |                          |   |
|  | AC                          | 5,491,261  | 02/96 | Haniff et al.                   |  |                          |   |
|  | AD                          | 5,504,265  | 04/96 | Krespan et al.                  |  |                          |   |
|  | AE                          | 5,508,099  | 04/96 | Incorvia                        |  |                          |   |
|  | AF                          | 5,534,192  | 07/96 | Incorvia et al.                 |  |                          |   |
|  | AG                          | 5,539,024  | 07/96 | Kirchmeyer et al.               |  |                          |   |
|  | AH                          | 5,547,711  | 08/96 | Kirchmeyer et al.               |  |                          |   |
|  | AI                          | 5,629,372  | 05/97 | Anton et al.                    |  |                          |   |
|  | AJ                          | 5,639,845  | 06/97 | Inomata et al.                  |  |                          |   |
| <i>Car</i>   | AK                          | 5,648,527  | 07/97 | Prossel et al.                  |  |                          |   |
|  | AL                          |  |       |                                 |  |                          |   |
| <b>FOREIGN PATENT DOCUMENTS</b>  |                             |  |       |                                 |  |                          |   |
|  |                             | Document Number  | Date  | Country                         | Class  | Subclass                 | Translation   |
|  | AM                          | WO 94/18245  | 08/94 | PCT                             |  |                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>Car</i>   | AN                          | WO 98/19742  | 05/98 | PCT                             |  |                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <i>Car</i>   | AO                          | WO 01/27235<br>A1  | 04/01 | PCT                             |  |                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|  | AP                          |  |       |                                 |  |                          |   |
| <b>OTHER REFERENCES</b> (including Author, Title, Date, Pertinent Pages, Etc.)   |                             |  |       |                                 |  |                          |   |
|  | AO                          |  |       |                                 |  |                          |   |
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|  |    |  |       | FILING DATE<br>July 25, 2006                      |                          | GROUP<br>Unknown |                            |
| <b>U.S. PATENT DOCUMENTS</b>   |    |  |       |   |                          |                  |                            |
| Examiner Initial   |    | Document Number  | Date  | Name  | Class                    | Subclass         | Filing Date If Appropriate |
| <i>Con</i>   | AA | 5,648,528  | 07/97 | Prossel et al.                                    |                          |                  |                            |
|  | AB | 5,674,961  | 10/97 | Fitzgerald  |                          |                  |                            |
|  | AC | 5,798,415  | 08/98 | Corpart et al.                                    |                          |                  |                            |
|  | AD | 5,827,919  | 10/98 | May   |                          |                  |                            |
|  | AE | 5,847,206  | 12/98 | Pavia et al.                                      |                          |                  |                            |
|  | AF | 5,883,185  | 03/99 | Matsumura et al.                                  |                          |                  |                            |
|  | AG | 5,919,527  | 07/99 | Fitzgerald et al.                                 |                          |                  |                            |
|  | AH | 5,965,656  | 10/99 | Yamamoto et al.                                   |                          |                  |                            |
|  | AI | 6,002,002  | 12/99 | Ürögdi et al.                                     |                          |                  |                            |
|  | AJ | 6,015,838  | 01/00 | Stern et al.                                      |                          |                  |                            |
| <i>Con</i>   | AK | 6,120,892  | 09/00 | Fitzgerald et al.                                 |                          |                  |                            |
|  | AL |  |       |   |                          |                  |                            |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |  |       |   |                          |                  |                            |
|  |    |  |       |   | Class                    | Subclass         | Translation                |
|  |    |  |       |   |                          |                  | Yes                        |
|  | AM |  |       |   |                          |                  |                            |
|  | AN |  |       |   |                          |                  |                            |
|  | AO |  |       |   |                          |                  |                            |
|  | AP |  |       |   |                          |                  |                            |
| <b>OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)</b>   |    |  |       |   |                          |                  |                            |
|  | AQ |  |       |   |                          |                  |                            |
| EXAMINER <i>Ürögdi</i>   |    | DATE CONSIDERED <i>10/16/07</i>                            |       |   |                          |                  |                            |
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|   |      |  | FILING DATE<br>July 25, 2006                     |                              | GROUP<br>Unknown            |                          |                            |
| <b>U.S. PATENT DOCUMENTS</b>  |      |  |  |                              |                             |                          |                            |
| Examiner Initial  |      | Document Number  | Date   | Name                         | Class                       | Subclass                 | Filing Date If Appropriate |
| <i>Con</i>  | AA   | 6,197,382 B1   | 03/01  | Ornstein et al.              |                             |                          |                            |
|   | AB   | 6,218,464 B1   | 04/01  | Parker et al.                |                             |                          |                            |
|   | AC   | 6,284,853 B1   | 09/01  | Yamana et al.                |                             |                          |                            |
|   | AD   | 6,294,107 B1   | 09/01  | Peters et al.                |                             |                          |                            |
|   | AA E | 6,297,308 B1   | 10/01  | Jariwala et al.              |                             |                          |                            |
|   | AF   | 6,379,578 B1   | 04/02  | Shiga                        |                             |                          |                            |
|   | AG   | 6,383,569 B2   | 05/02  | Ornstein et al.              |                             |                          |                            |
|   | AH   | 6,486,245 B1   | 11/02  | Thünemann et al.             |                             |                          |                            |
|   | AI   | 6,451,717 B1   | 09/02  | Fitzgerald et al.            |                             |                          |                            |
|   | AJ   | 6,509,300 B1   | 01/03  | Gupta                        |                             |                          |                            |
|   | AK   | 6,525,127 B1   | 02/03  | Jariwala et al.              |                             |                          |                            |
|   | AL   | 6,536,804 B1   | 03/03  | Dunsmore et al.              |                             |                          |                            |
|   | AM   | 6,566,470 B2   | 05/03  | Kantamneni et al.            |                             |                          |                            |
|   | AN   | 6,613,862 B2   | 09/03  | Clark et al.                 |                             |                          |                            |
|   | AO   | 6,646,088 B2   | 11/03  | Fan et al.                   |                             |                          |                            |
|   | AP   | 6,800,788 B2   | 10/04  | Bradley et al.               |                             |                          |                            |
|   | AQ   | 6,803,109 B2   | 10/04  | Qiu et al.                   |                             |                          |                            |
| <i>Con</i>  | AR   | 6,803,425 B2   | 10/04  | Hintzer et al.               |                             |                          |                            |
|   | AS   |  |  |                              |                             |                          |                            |
|   | AT   |  |  |                              |                             |                          |                            |
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|---|----|--|-------|---------------------|--|----------|-------------------------------|----------------------|--|
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|   |    |  |       |                     | FILING DATE<br>July 25, 2006                     |          |                               | ART GROUP<br>Unknown |  |
| <b>U.S. PATENT DOCUMENTS</b>  |    |  |       |                     |  |          |                               |                      |  |
| *Examiner's Initials  |    | Document Number  | Date  | Name                | Class  | Subclass | Filing Date<br>If Appropriate |                      |  |
| <i>Argy</i>   | AA | 6,809,216 B2   | 10/04 | Bradley et al.      |  |          |                               |                      |  |
| <i>Argy</i>   | AB | 6,814,880 B1   | 11/04 | Graf et al.         |  |          |                               |                      |  |
|   | AC | 6,818,253 B2   | 11/04 | Kimbrell            |  |          |                               |                      |  |
|   | AD | 6,818,717 B2   | 11/04 | Kantamneni          |  |          |                               |                      |  |
|   | AE | 6,821,496 B2   | 11/04 | Igumnov et al.      |  |          |                               |                      |  |
|   | AF | 6,824,754 B2   | 11/04 | Subramaniam et al.  |  |          |                               |                      |  |
|   | AG | 6,824,882 B2   | 11/04 | Boardman et al.     |  |          |                               |                      |  |
|   | AH | 6,830,703 B2   | 12/04 | Klug et al.         |  |          |                               |                      |  |
|   | AI | 6,833,419 B2   | 12/04 | Morschhäuser et al. |  |          |                               |                      |  |
|   | AJ | 2001/0000343   | 04/01 | Bowers              |  |          |                               |                      |  |
|   | AK | 2002/0042034   | 04/02 | Yoshioka            |  |          |                               |                      |  |
|   | AL | 2003/0013924   | 01/03 | Howell et al.       |  |          |                               |                      |  |
|   | AM | 2003/0092862   | 05/03 | Thomas et al.       |  |          |                               |                      |  |
|   | AN | 2003/0109662   | 06/03 | Medsker et al.      |  |          |                               |                      |  |
|   | AO | 2003/0153780   | 08/03 | Haniff et al.       |  |          |                               |                      |  |
|   | AP | 2003/0195314   | 08/03 | Buckanin et al.     |  |          |                               |                      |  |
| <i>Argy</i>   | AQ | 2003/0207202   | 11/03 | Fujita et al.       |  |          |                               |                      |  |
| EXAMINER  |    | DATE CONSIDERED  |       |                     | <i>W. Woodruff / 10/16/07</i>                    |          |                               |                      |  |

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JAP5 Rec'd PCT/PTO 25 JUL 2006

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

1

|                          |                             |
|--------------------------|-----------------------------|
| <b>Complete if Known</b> |                             |
| Application Number       | PCT/US05/007597 (75734)     |
| Filing Date              | 28 January 2005 (Priority)  |
| First Named Inventor     | Stephan Brandstädter et al. |
| Art Unit                 | Unassigned                  |
| Examiner Name            | Unassigned                  |
| Attorney Docket Number   | PC3-301                     |

**U. S. PATENT DOCUMENTS**

EV832835290

## FOREIGN PATENT DOCUMENTS

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10/16/07

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